

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/034656

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16D41/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/104397 A1 (BOWEN THOMAS C) 8 August 2002 (2002-08-08) paragraph '0015! - paragraph '0020!; figures 1,2	1, 12
A	US 2002/155914 A1 (WILLIAMS RANDOLPH C ET AL) 24 October 2002 (2002-10-24) abstract; figures 2-11d	1, 12
A	US 5 005 683 A (RITTER ET AL) 9 April 1991 (1991-04-09) the whole document	1, 12

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

1 February 2005

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/US2004/034656

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002104397 A1	08-08-2002	NONE	
US 2002155914 A1	24-10-2002	US 2004106489 A1 EP 1253342 A1	03-06-2004 30-10-2002
US 5005683 A	09-04-1991	DE 3902804 A1 DE 58905169 D1 EP 0380780 A1 ES 2041950 T3 JP 2236023 A	02-08-1990 09-09-1993 08-08-1990 01-12-1993 18-09-1990